

SEWAGE SLUDGE DISPOSAL IN OHIO FOR 2018

Publicly owned treatment works and semi-public treatment works (hereinafter collectively referred to as POTWs) in Ohio are required to have an effective National Pollutant Discharge Elimination System (NPDES) permit to discharge effluent to waters of the State. Part II of most NPDES permits requires the submittal of an annual sewage sludge report describing sewage sludge use or disposal activities for the previous year. The purpose of this requirement is to provide information on sewage sludge management trends, to identify areas where the Ohio Environmental Protection Agency should focus its technical and compliance assistance efforts and to provide data to support public education and outreach activities.

There are several means by which POTWs in Ohio use or dispose of sewage sludge. The most common are land application for agronomic benefit, incineration and disposal in a landfill. The following is a breakdown of sewage sludge beneficial use/disposal in Ohio and the number of facilities that reported for 2018.

2018 Sewage Sludge Use/Disposal	2018 Sewage Sludge Management in Ohio – Dry Tons	Percent Use	# of facilities
EQ	26,650	9.32%	17
Class B	76,774	26.86%	140
Landfill	97,443	34.10%	309
Incineration	81,303	28.45%	3
Total sewage sludge disposed/beneficially used	282,170		469

